

**HYBRID POWERTRAIN SYSTEM**

**ABSTRACT OF THE DISCLOSURE**

A powertrain system is provided that includes a first prime mover and change-gear transmission having a first input shaft and a second input shaft. A twin clutch is disposed between the first prime mover and the transmission. The twin clutch includes a first main clutch positioned between the first prime mover and the first input shaft and a second main clutch positioned between the first prime mover and the second input shaft. The powertrain system also includes a second prime mover operably connected to one of the first and second input shafts.

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